1. Record Nr.   UNINA9910364952503321

   Titolo   Security and Privacy in Communication Networks : 15th EAI
                      International Conference, SecureComm 2019, Orlando, FL, USA,
                      October 23-25, 2019, Proceedings, Part I / / edited by Songqing Chen,
                      Kim-Kwang Raymond Choo, Xinwen Fu, Wenjing Lou, Aziz Mohaisen

   Pubbl/distr/stampa Cham : , : Springer International Publishing : , : Imprint : Springer, ,
                      2019

   ISBN   3-030-37228-6

   Edizione   [1st ed. 2019.]

   Descrizione fisica 1 online resource (592 pages)

   Collana   Lecture Notes of the Institute for Computer Sciences, Social Informatics
                      and Telecommunications Engineering, , 1867-8211 ; ; 304

   Disciplina   005.8
                      005.8 (edition:23)

   Soggetti   Computer security
                      Computer organization
                      Computers
                      Application software
                      Systems and Data Security
                      Computer Systems Organization and Communication Networks
                      Computing Milieux
                      Information Systems Applications (incl. Internet)

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Nota di contenuto Trustless Framework for Iterative Double Auction based on Blockchain
                      -- Towards a Multi-Chain Future of Proof-of-Space -- Secure
                      Consistency Verification for Untrusted Cloud Storage by Public
                      Blockchains -- 4 An Enhanced Verifiable Inter-domain Routing Protocol
                      based on Blockchain -- Edge-Assisted CNN Inference over Encrypted
                      Data for Internet of Things -- POKs Based Secure and Energy-Efficient
                      Access Control for Implantable Medical Devices -- USB-Watch: A
                      Dynamic Hardware-Assisted USB Threat Detection Framework --
                      Automated IoT Device Fingerprinting Through Encrypted Stream
                      Classification -- Catching Malware -- DeepCG: Classifying
                      Metamorphic Malware through Deep Learning of Call Graphs --

ChaffyScript: Vulnerability-Agnostic Defense of JavaScript Exploits via Memory Perturbation -- Obfusifier: Obfuscation-Resistant Android Malware Detection System -- Closing the Gap with APTs through Semantic Clusters and Automated Cybergames Machine Learning -- Stochastic ADMM Based Distributed Machine Learning with Differential Privacy -- Topology-Aware Hashing for Effective Control Flow Graph Similarity Analysis -- Trojan Attack on Deep Generative Models in Autonomous Driving -- FuncNet: A Euclidean Embedding Approach for Lightweight Cross-platform Binary Recognition Everything Traffic Security -- Towards Forward Secure Internet Traffic -- Traffic-based Automatic Detection of Browser Fingerprinting -- Measuring Tor Relay Popularity -- SoK: ATT&CK Techniques and Trends in Windows -- Malware Communicating Covertly -- Covert Channels in SDN: Leaking Out Information from Controllers to End Hosts -- Victim-Aware Adaptive Covert Channels -- Random Allocation Seed-DSSS Broadcast Communication against Jamming Attacks -- Loss-tolerant Mechanism of Message Segmentation and Reconstruction in Multi-path Communication of Anti-tracking Network -- Ticket Transparency: Accountable Single Sign-On with Privacy-Preserving Public Logs -- Decentralized Privacy-Preserving Reputation Management for Mobile Crowdsensing -- Location Privacy Issues in the OpenSky Network Crowdsourcing Platform -- Privacy-Preserving Genomic Data Publishing via Differentially-Private Suffix Tree -- Deep Analytics -- TL;DR Hazard: A Comprehensive Study of Levelsquatting Scams -- Account Lockouts: Characterizing and Preventing Account Denial-of-Service Attacks -- Application Transiency: Towards a Fair Trade of Personal Information for Application Services.

| Sommario/riassunto | This two-volume set LNICST 304-305 constitutes the post-conference proceedings of the 15thInternational Conference on Security and Privacy in Communication Networks, SecureComm 2019, held in Orlando, FL, USA, in October 2019. The 38 full and 18 short papers were carefully reviewed and selected from 149 submissions. The papers are organized in topical sections on blockchains, internet of things, machine learning, everything traffic security communicating covertly, let's talk privacy, deep analysis, systematic theory, bulletproof defenses, blockchains and IoT, security and analytics, machine learning, private, better clouds, ATCS workshop. |